



01/23/01

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PTO/SB/05 (4/98)

Approved for use through 09/30/2000 OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

**UTILITY
PATENT APPLICATION
TRANSMITTAL**(Only for new nonprovisional applications
under 37 C.F.R. §1.53(b))

Attorney Docket No.

32067W504391

First Inventor

Kurt Nilsson, et al.

Title

**IMMOBILIZED CARBOHYDRATE
BIOSENSOR**

Express Mail Label No.

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents

ADDRESS TO:

Assistant Commissioner for Patents
Box Patent Application
Washington, D.C. 20231

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(submit an original and a duplicate for fee processing)

2. ☒ Specification **Total Pages : 11**
(preferred arrangement set forth below)
- Descriptive title of the invention
- Cross References to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to Microfiche Appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

3. ☐ Drawing(s) (35 U.S.C. 113) **Total Sheets** _

4. Oath or Declaration **Total Pages** 1
a. ☐ Newly executed (original or copy)
b. ☒ Copy from a prior application (37 C.F.R. §1.63(d)) (for continuation/divisional with Box 16 completed)
i. ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §1.63(d)(2) and 1.33(b).

*NOTE FOR ITEMS 1 & 13 IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. §1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. §1.29)

5. ☐ Microfiche Computer Program (Appendix)
6. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
a. ☐ Computer Readable Copy
b. ☐ Paper Copy (identical to computer copy)
c. ☐ Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

7. ☐ Assignment Papers (copy from parent appln.)
8. ☐ 37 C.F.R. §3.73(b) Statement (when there is an assignee)
☐ Power of Attorney
9. ☐ English Translation Document (if applicable)
10. ☒ Information Disclosure Statement (IDS) and PTO-1449
☒ Copies of IDS Citations (Note: which were not provided in U.S. Appl. No. 08/356,229)
11. ☒ Preliminary Amendment
12. ☒ Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
13. ☒ Small Entity Statement(s) (PTO/SB/09-12)
☒ Statement filed in prior application, Status still proper and desired
14. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)
15. ☐ Other:

16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:

☒ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No. 08/356,229

Prior application information: Examiner: B. Nguyen Group/Art Unit: 1641

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

17. CORRESPONDENCE ADDRESS☐ Customer Number or Bar Code Labelor ☒ Correspondence address below

(insert Customer No. or Attach bar code label here)

Name	SMITH GAMBRELL & RUSSELL, L.L.P.,				
Address	1850 M Street, N.W., Suite 800				
City	Washington, D.C.	State		Zip Code	20036
Country	U.S.A.	Telephone	(202) 659-2811	Fax	(202) 263-4329


Name	Robert G. Weilacher	Reg. No.	20,531
Signature		Date	January 23, 2001

Burden Hour Statement This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THE ADDRESS, SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL <small>Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12. See 37 C.F.R. §§1.27 and 1.28.</small>	Complete if Known	
	Application Number	Unassigned
	Filing Date	January 23, 2001
	First Named Inventor	Kurt Nilsson, et al.
	Examiner Name	Unassigned
	Group / Art Unit	Unassigned
TOTAL AMOUNT OF PAYMENT: \$ 652.00		Attorney Docket No. 032607W504391

METHOD OF PAYMENT (check one) 1. <input type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to: Deposit Account No.: 02 - 4300 Deposit Account Name: _____ <input type="checkbox"/> Charge any additional fee Required Under 37 C.F.R. §§1.16 and 1.17 <input type="checkbox"/> Charge the Issue Fee Set in 37 C.F.R. §1.18 at the Mailing of the Notice of Allowance 2. <input checked="" type="checkbox"/> Payment Enclosed: <input checked="" type="checkbox"/> Check <input type="checkbox"/> Money Order <input type="checkbox"/> Other FEE CALCULATION 1. BASIC FILING FEE [Small Entity] <table border="0"> <tr> <td>Large Entity Fee Code</td> <td>Large Entity Fee (\$)</td> <td>Small Entity Fee Code</td> <td>Small Entity Fee (\$)</td> <td>Fee Description</td> <td>Fee Paid</td> </tr> <tr> <td>101</td> <td>710</td> <td>201</td> <td>355</td> <td>Utility filing fee</td> <td>355.00</td> </tr> <tr> <td>105</td> <td>310</td> <td>205</td> <td>155</td> <td>Design filing fee</td> <td></td> </tr> <tr> <td>107</td> <td>480</td> <td>207</td> <td>240</td> <td>Plant filing fee</td> <td></td> </tr> <tr> <td>108</td> <td>760</td> <td>208</td> <td>380</td> <td>Reissue filing fee</td> <td></td> </tr> <tr> <td>114</td> <td>150</td> <td>214</td> <td>75</td> <td>Provisional filing fee</td> <td></td> </tr> </table> <p style="text-align: right;">SUBTOTAL (1): \$355.00</p> 2. EXTRA CLAIM FEES <table border="0"> <tr> <td></td> <td>Extra Claims</td> <td>Fee from below</td> <td>Fee paid</td> </tr> <tr> <td>Total Claims</td> <td>53 -20 = 0</td> <td>x \$18.00 =</td> <td>\$ 297.00 [Small Entity]</td> </tr> <tr> <td>Indep. Claims</td> <td>1 -3 = 2</td> <td>x \$80 =</td> <td>\$ 0.00</td> </tr> <tr> <td>Multiple Dep.</td> <td>0 = 0</td> <td>x \$260. =</td> <td>\$ 0.00</td> </tr> </table> <p><small>*or number previously paid, if greater; For Reissues, see below</small></p> <table border="0"> <tr> <td>Large Entity Fee Code</td> <td>Large Entity Fee (\$)</td> <td>Small Entity Fee Code</td> <td>Small Entity Fee (\$)</td> <td>Fee Description</td> </tr> <tr> <td>103</td> <td>22</td> <td>203</td> <td>11</td> <td>Claims in excess of 20</td> </tr> <tr> <td>102</td> <td>92</td> <td>202</td> <td>41</td> <td>Independent claims in excess of 3</td> </tr> <tr> <td>104</td> <td>270</td> <td>204</td> <td>135</td> <td>Multiple dependent claims, if not paid</td> </tr> <tr> <td>109</td> <td>82</td> <td>209</td> <td>41</td> <td>Reissue independent claims over original patent</td> </tr> <tr> <td>110</td> <td>22</td> <td>210</td> <td>11</td> <td>Reissue claims in excess of 20 and over original patent</td> </tr> </table> <p style="text-align: right;">SUBTOTAL (2): \$ 297.00</p>	Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid	101	710	201	355	Utility filing fee	355.00	105	310	205	155	Design filing fee		107	480	207	240	Plant filing fee		108	760	208	380	Reissue filing fee		114	150	214	75	Provisional filing fee			Extra Claims	Fee from below	Fee paid	Total Claims	53 -20 = 0	x \$18.00 =	\$ 297.00 [Small Entity]	Indep. Claims	1 -3 = 2	x \$80 =	\$ 0.00	Multiple Dep.	0 = 0	x \$260. =	\$ 0.00	Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	103	22	203	11	Claims in excess of 20	102	92	202	41	Independent claims in excess of 3	104	270	204	135	Multiple dependent claims, if not paid	109	82	209	41	Reissue independent claims over original patent	110	22	210	11	Reissue claims in excess of 20 and over original patent	FEE CALCULATION (continued) 3. ADDITIONAL FEES <table border="0"> <tr> <td>Large Entity Fee Code</td> <td>Large Entity Fee (\$)</td> <td>Small Entity Fee Code</td> <td>Small Entity Fee (\$)</td> <td>Fee Description</td> <td>Fee Paid</td> </tr> <tr> <td>105</td> <td>130</td> <td>205</td> <td>65</td> <td>Surcharge - late filing fee or oath</td> <td></td> </tr> <tr> <td>127</td> <td>50</td> <td>227</td> <td>25</td> <td>Surcharge - late provisional filing fee or cover sheet</td> <td></td> </tr> <tr> <td>139</td> <td>130</td> <td>139</td> <td>130</td> <td>Non-English specification</td> <td></td> </tr> <tr> <td>147</td> <td>2,520</td> <td>147</td> <td>2,520</td> <td>For filing a request for reexamination</td> <td></td> </tr> <tr> <td>112</td> <td>920</td> <td>112</td> <td>920</td> <td>Requesting publication of SIR prior to Examiner action</td> <td></td> </tr> <tr> <td>113</td> <td>1,840</td> <td>113</td> <td>1,840</td> <td>Requesting publication of SIR after Examiner action</td> <td></td> </tr> <tr> <td>115</td> <td>110</td> <td>215</td> <td>55</td> <td>Extension for reply within first month</td> <td></td> </tr> <tr> <td>116</td> <td>400</td> <td>216</td> <td>200</td> <td>Extension for reply within second month</td> <td></td> </tr> <tr> <td>117</td> <td>950</td> <td>217</td> <td>475</td> <td>Extension for reply within third month</td> <td></td> </tr> <tr> <td>118</td> <td>1,510</td> <td>218</td> <td>755</td> <td>Extension for reply within fourth month</td> <td></td> </tr> <tr> <td>128</td> <td>2,060</td> <td>228</td> <td>1,030</td> <td>Extension for reply within fifth month</td> <td></td> </tr> <tr> <td>119</td> <td>310</td> <td>219</td> <td>155</td> <td>Notice of Appeal</td> <td></td> </tr> <tr> <td>120</td> <td>310</td> <td>220</td> <td>155</td> <td>Filing a brief in support of an appeal</td> <td></td> </tr> <tr> <td>121</td> <td>270</td> <td>221</td> <td>135</td> <td>Request for oral hearing</td> <td></td> </tr> <tr> <td>138</td> <td>1,510</td> <td>138</td> <td>1,510</td> <td>Petition to institute a public use proceeding</td> <td></td> </tr> <tr> <td>140</td> <td>110</td> <td>240</td> <td>55</td> <td>Petition to revive - unavoidable</td> <td></td> </tr> <tr> <td>141</td> <td>1,320</td> <td>241</td> <td>660</td> <td>Petition to revive - unintentional</td> <td></td> </tr> <tr> <td>142</td> <td>1,320</td> <td>242</td> <td>660</td> <td>Utility issue fee (or reissue)</td> <td></td> </tr> <tr> <td>143</td> <td>450</td> <td>243</td> <td>225</td> <td>Design issue fee</td> <td></td> </tr> <tr> <td>144</td> <td>670</td> <td>244</td> <td>335</td> <td>Plant issue fee</td> <td></td> </tr> <tr> <td>122</td> <td>130</td> <td>122</td> <td>130</td> <td>Petitions to the Commissioner</td> <td></td> </tr> <tr> <td>123</td> <td>50</td> <td>123</td> <td>50</td> <td>Petitions related to provisional applications</td> <td></td> </tr> <tr> <td>126</td> <td>240</td> <td>126</td> <td>240</td> <td>Submission of Information Disclosure Statement</td> <td></td> </tr> <tr> <td>581</td> <td>40</td> <td>581</td> <td>40</td> <td>Recording each patent assignment per property (times number of properties)</td> <td></td> </tr> <tr> <td>148</td> <td>790</td> <td>248</td> <td>395</td> <td>Filing a submission after final rejection (37 CFR 1.129(a))</td> <td></td> </tr> <tr> <td>149</td> <td>790</td> <td>249</td> <td>395</td> <td>For each additional invention to be examined (37 CFR 1.129(b))</td> <td></td> </tr> </table> <p>Other fee (specify) _____ Other fee (specify) _____</p> <p style="text-align: right;">SUBTOTAL (3): \$0.00</p> <p><small>*Reduced by Basic Filing Fee Paid</small></p> <p style="text-align: right;">TOTAL : \$ 652.00 [Small Entity Filing Fee]</p>	Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid	105	130	205	65	Surcharge - late filing fee or oath		127	50	227	25	Surcharge - late provisional filing fee or cover sheet		139	130	139	130	Non-English specification		147	2,520	147	2,520	For filing a request for reexamination		112	920	112	920	Requesting publication of SIR prior to Examiner action		113	1,840	113	1,840	Requesting publication of SIR after Examiner action		115	110	215	55	Extension for reply within first month		116	400	216	200	Extension for reply within second month		117	950	217	475	Extension for reply within third month		118	1,510	218	755	Extension for reply within fourth month		128	2,060	228	1,030	Extension for reply within fifth month		119	310	219	155	Notice of Appeal		120	310	220	155	Filing a brief in support of an appeal		121	270	221	135	Request for oral hearing		138	1,510	138	1,510	Petition to institute a public use proceeding		140	110	240	55	Petition to revive - unavoidable		141	1,320	241	660	Petition to revive - unintentional		142	1,320	242	660	Utility issue fee (or reissue)		143	450	243	225	Design issue fee		144	670	244	335	Plant issue fee		122	130	122	130	Petitions to the Commissioner		123	50	123	50	Petitions related to provisional applications		126	240	126	240	Submission of Information Disclosure Statement		581	40	581	40	Recording each patent assignment per property (times number of properties)		148	790	248	395	Filing a submission after final rejection (37 CFR 1.129(a))		149	790	249	395	For each additional invention to be examined (37 CFR 1.129(b))	
Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid																																																																																																																																																																																																																																																
101	710	201	355	Utility filing fee	355.00																																																																																																																																																																																																																																																
105	310	205	155	Design filing fee																																																																																																																																																																																																																																																	
107	480	207	240	Plant filing fee																																																																																																																																																																																																																																																	
108	760	208	380	Reissue filing fee																																																																																																																																																																																																																																																	
114	150	214	75	Provisional filing fee																																																																																																																																																																																																																																																	
	Extra Claims	Fee from below	Fee paid																																																																																																																																																																																																																																																		
Total Claims	53 -20 = 0	x \$18.00 =	\$ 297.00 [Small Entity]																																																																																																																																																																																																																																																		
Indep. Claims	1 -3 = 2	x \$80 =	\$ 0.00																																																																																																																																																																																																																																																		
Multiple Dep.	0 = 0	x \$260. =	\$ 0.00																																																																																																																																																																																																																																																		
Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description																																																																																																																																																																																																																																																	
103	22	203	11	Claims in excess of 20																																																																																																																																																																																																																																																	
102	92	202	41	Independent claims in excess of 3																																																																																																																																																																																																																																																	
104	270	204	135	Multiple dependent claims, if not paid																																																																																																																																																																																																																																																	
109	82	209	41	Reissue independent claims over original patent																																																																																																																																																																																																																																																	
110	22	210	11	Reissue claims in excess of 20 and over original patent																																																																																																																																																																																																																																																	
Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid																																																																																																																																																																																																																																																
105	130	205	65	Surcharge - late filing fee or oath																																																																																																																																																																																																																																																	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet																																																																																																																																																																																																																																																	
139	130	139	130	Non-English specification																																																																																																																																																																																																																																																	
147	2,520	147	2,520	For filing a request for reexamination																																																																																																																																																																																																																																																	
112	920	112	920	Requesting publication of SIR prior to Examiner action																																																																																																																																																																																																																																																	
113	1,840	113	1,840	Requesting publication of SIR after Examiner action																																																																																																																																																																																																																																																	
115	110	215	55	Extension for reply within first month																																																																																																																																																																																																																																																	
116	400	216	200	Extension for reply within second month																																																																																																																																																																																																																																																	
117	950	217	475	Extension for reply within third month																																																																																																																																																																																																																																																	
118	1,510	218	755	Extension for reply within fourth month																																																																																																																																																																																																																																																	
128	2,060	228	1,030	Extension for reply within fifth month																																																																																																																																																																																																																																																	
119	310	219	155	Notice of Appeal																																																																																																																																																																																																																																																	
120	310	220	155	Filing a brief in support of an appeal																																																																																																																																																																																																																																																	
121	270	221	135	Request for oral hearing																																																																																																																																																																																																																																																	
138	1,510	138	1,510	Petition to institute a public use proceeding																																																																																																																																																																																																																																																	
140	110	240	55	Petition to revive - unavoidable																																																																																																																																																																																																																																																	
141	1,320	241	660	Petition to revive - unintentional																																																																																																																																																																																																																																																	
142	1,320	242	660	Utility issue fee (or reissue)																																																																																																																																																																																																																																																	
143	450	243	225	Design issue fee																																																																																																																																																																																																																																																	
144	670	244	335	Plant issue fee																																																																																																																																																																																																																																																	
122	130	122	130	Petitions to the Commissioner																																																																																																																																																																																																																																																	
123	50	123	50	Petitions related to provisional applications																																																																																																																																																																																																																																																	
126	240	126	240	Submission of Information Disclosure Statement																																																																																																																																																																																																																																																	
581	40	581	40	Recording each patent assignment per property (times number of properties)																																																																																																																																																																																																																																																	
148	790	248	395	Filing a submission after final rejection (37 CFR 1.129(a))																																																																																																																																																																																																																																																	
149	790	249	395	For each additional invention to be examined (37 CFR 1.129(b))																																																																																																																																																																																																																																																	

SUBMITTED BY				Complete (if applicable)	
Typed or Printed Name	Robert G. Weilacher			Reg. Number	20,531
Signature		Date	January 23, 2001	Deposit Account User ID	02-4300

Burden Hour Statement This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THE ADDRESS, SEND TO Assistant Commissioner of Patents, Washington, D.C. 20231.

Atty. Docket No.
032067W504391

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant :Kurt Nilsson, et al. Examiner: Unassigned
Serial No. :Unassigned Art Unit: Unassigned
Filed: :January 23, 2001
For: :IMMOBILIZED CARBOHYDRATE BIOSENSOR

TRANSMITTAL LETTER

Director of Patents and Trademarks
Washington, D.C. 20231

January 23, 2001

Sir:

Transmitted herewith is:

ITEM(S)	FEE
<i>Utility Patent Application Transmittal</i>	<i>\$652.00</i>
<i>Check for \$652.00</i>	<i>(See above)</i>
<i>Specification and Abstract (from prior U.S. application No. 08/356,229)</i>	-
<i>Preliminary Amendment</i>	-
<i>Verified Statement (Declaration) Claiming Small Entity Status - Independent Inventor (from prior U.S. application No. 08/356,229)</i>	-
<i>Verified Statement Declaration Claiming Small Entity Status -- Small Business Concern (from prior U.S. application No. 08/356,229)</i>	-
<i>Declaration and Power of Attorney (from prior U.S. application No. 08/356,229)</i>	-
<i>Information Disclosure Statement with attached U.S. PTO-1449</i>	-
<i>Copy of U.S. Patent 5,599,694, U.S. Patent 5,532,147 and International Search Report</i>	-
<i>Acknowledgment Postcard</i>	-



A check in the amount of \$ 652.00.00 is enclosed for the above-identified patent application.

**INVENTOR: Kurt Nilsson, et al., U.S. PATENT APPLICATION NO. : New U.S. Utility
Patent Application**

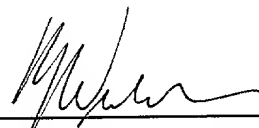
☒

Please charge our Deposit Account No. 02-4300 if any additional fees are required,
or credit our account for any overpayment.

Respectfully submitted,

SMITH, GAMBRELL & RUSSELL, LLP

By:



Robert G. Weilacher, Reg. No. 20,531
1850 M Street, N.W., Suite 800
Washington, D.C. 20036
Telephone: (202) 659-2811
Facsimile: (202) 263-4329

January 23, 2001